



Borough of Kidderminster.



REPORTS

ON THE

Health of the Borough

BY THE

MEDICAL OFFICER OF HEALTH

AND

SANITARY INSPECTOR.

1907.

KIDDERMINSTER :

G. T. Cheshire & Sons, Printers, Vicar Street & Mill Street.

Health Committee

(KIDDERMINSTER CORPORATION)



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COUNCILLOR ROWLAND HILL, L.L.D.

Deputy-Mayor :

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Medical Officer of Health :

DAVID CORBET, M.R.C.S.

Public Analyst :

E. W. T. JONES, F.I.C.

Sanitary Inspector :

J. T. COWDEROY, C.S.I.

Assistant Inspector :

F. ARNOLD.

ANNUAL REPORT

FOR THE YEAR 1907.



TOWN HALL,

February 3rd, 1908.

GENTLEMEN,

I beg to present the following Report upon the Health and Sanitary condition of the Borough of Kidderminster for the Year 1907.

The Return of Deaths and of cases of Infectious Diseases I herewith hand you duly completed.

During the year there have been 550 Births, or 22·26 in the thousand :—Males, 285 ; Females, 265.

The total number of Deaths from all causes, which have been registered is 366 ; the number in each sex being 188 Males and 178 Females.

Deaths in the Workhouse, 73. Residents, 53 ; Non-Residents, 20.

Deaths in the Infirmary, 28. Residents, 18 ; Non-Residents, 10.

The ages at which the deaths have taken place during the year are as follows :—

Under 1 year	...	...	77
Between 1 and 5 years		...	20
„ 5 „ 15 „		...	9
„ 15 „ 25 „		...	17
„ 25 „ 65 „		...	129
From 65 and upwards		...	114
Total			<hr/> 366 <hr/>

The Death Rate per thousand for the year is 14·81.

NOTE.—If we subtract the deaths of non-residents registered as occurring in the Workhouse and Infirmary, the Death Rate would be 13·60.

The Deaths from the principal Zymotic Diseases during the last year and the nine previous years have been as follows:—

DISEASES.	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907
Small Pox ...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	2	...	1	1	2	...	...	...
Typhoid Fever	2	4	1	2	...	...	1	2	...	...
Measles ...	1	...	16	3	12	2	...	2	1	...
Diphtheria ...	7	4	17	6	2	3	1	2	2	1
Diarrhœa ...	10	16	7	15	12	7	11	13	14	9
Whoop. Cough	1	4	3	15	...	1	4	8	7	8
Totals ...	21	28	46	41	27	14	19	27	24	18

Scarlet Fever.

We have had 14 Notifications of this Disease for 1907 and no deaths, against 27 and no deaths in 1906.

BOROUGH CASES ONLY.

MONTH.	Notifi- cations.	Removed to Hospital.	Nursed at Home.	Deaths in Hospital.	Deaths at Home.
January ...	3	...	3		
February ...	...	...	...
March ...	1	...	1		
April ...	...	...	...
May ...	...	...	...
June ...	1	...	1		
July ...	2	1	1		
August ...	1	1	...		
September ...	2	1	1		
October ...	1	1	...		
November ...	3	2	1		
December ...	...	...	...
Totals ...	14	6	8		

NOTE.—The Deaths occurring in the Borough Hospital are not included in the Borough Zymotic Death Rate, as the Institution is outside the Borough, therefore is not included in the Borough Registration District.

BOROUGH HOSPITAL.

Table A.

Showing Monthly Admissions of Scarlet Fever Cases from the following localities during the year, 1907.

	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Totals.
Borough Cases ...							1	1	1	1			5
Workhouse Cases ...													0
Infirmary Cases ...		1									1		2
Rural District Council Cases ...		1		2	2	1	3		2			1	12
Stourport Urban District Council Cases													0
Bewdley Urban District Council Cases		1											1
Droitwich Rural District Council Cases													0
Martley Rural District Cases ...			1										1
Kinlet Rural District Cases ...													0
Monthly Totals ...	0	3	1	2	2	1	4	1	3	1	2	1	21

Borough Hospital.

Number in Hospital on December 31st, 1906	...	...	2
Number of Scarlet Fever Cases admitted from January 1st, 1907, to December 31st, 1907	...	...	21
Number of Small Pox	ditto	ditto	0
Number of Scarlet Fever (discharged cured)	...	...	20
Number of Small Pox	ditto	...	0
Number of deaths from Scarlet Fever	...	...	0
Average number of days (each patient discharged) remained in Hospital	...	...	48
Remaining in Hospital on December 31st, 1907...	...	...	3

Typhoid Fever.—There have been five cases during the year. One was a casual in the Workhouse; he was ill when he came into the town. One an Infirmary case, a non-resident; a third was an imported case. When this man was recovering, his wife and child contracted the disease. No death occurred. In the latter case I inspected the premises and found nothing insanitary. The man was being nursed by his wife.

Anthrax.—Three cases have occurred, all females, ages 17 years, 22 years, and 24 years; engaged in three different spinning mills in the Borough. Each case was treated at the Infirmary, and recovered.

Scarlet Fever.—Fourteen cases: six removed to the Borough Hospital; no deaths. Only one house had two cases in it. Two streets had a second case. Six occurred in separate localities, two in the Infirmary, one of whom was a non-resident.

Diphtheria.—Eight cases, one death. One case occurred in the Infirmary, a non-resident. Another case had been visiting Birmingham, and the day after its return home it developed Diphtheria. A few days following a second case occurred in this home. The five other cases occurred in different parts of the Borough, but no specific cause could be discovered. Most of the cases were of a very mild type.

Measles.—In the latter part of the year a few cases occurred, but no deaths.

Respiratory Diseases.—Under this heading are included:—Pneumonia, Bronchitis, and Pleurisy. During the year 65 deaths have been registered, being 6 deaths more than in 1906.

Phthisis.—The deaths from this disease have been two more than in 1906, being 21 deaths. I have prepared a table showing what were the occupations of the deceased persons. Four of the twenty-one cases occurred in the Workhouse.

Infantile Mortality.—Compared with last year our total births are less by 65, being 550 for 1907, 615 for 1906. Yet the mortality of infants under one year is only 7 less, being 77 for 1907 and 84 for 1906. This causes our mortality per 1000 births to be a little higher than in 1906, viz., 140 per 1000. Premature births are responsible for 17 of the deaths. If we had no premature births our infant mortality rate, according to some Medical Officers of Health, would be a perfect one.

The following shows you the ages at which the infants die:—

Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Tot. under 1 Mth.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
13	7	2	3	25	7	7	3	9	9	4	3	2	1	5	2	77

On Table 5 you will find the causes of death.

We still continue to supply the Registrar with copies of instructions on the rearing and feeding of infants, which are handed to each person registering a birth. I am of an opinion that this method of distributing useful information to the right persons is beginning to bear fruit. Our infantile mortality for 1907 is below the average for the past ten years. Average for past 10 years, 154'14; for 1907, 140'00 per 1000 births.

I must point out that a large section of our female population are employed in the spinning and carpet factories of the town.

The Birth Rate per 1000 population is 22'26; in 1906 it was 24'89. I have prepared a table on page 12, showing the excess of births over deaths since 1888, a period of 20 years.

Marriages.—The number of marriages which took place within the Borough for 1907 was 276. The number for 1906 was 278.

Illegitimacy.—Thirty-six births have been registered during the year. Males 26, Females 10. Eight of the births occurred in the Workhouse. Total illegitimate births for 1906, 39.

Hospital.—The Hospital work for the year has been a light one. The following are the cases I have received and treated:—

From the Borough	...	6 cases	} No deaths.
„ Infirmary	...	1 „	
„ Rural District	...	12 „	
From Bewdley ...	...	1 „
„ Martley ...	...	1 „
Total			...
			21 cases.

Inquests held during 1907.—Accidental deaths, 16. Natural causes, 7. Total 23.

Factory and Workshops Acts.—These places are regularly inspected, and on the whole are in a satisfactory condition.

Section 22 of the Public Health Act Amendment Act, 1890, is in force in Kidderminster. The standard of sufficiency and suitability of sanitary accommodation which we adopt is that contained in the Home Office order, No. 89, of 1903.

Closure of Schools.—During the year the following schools have been closed under my advice, in consequence of outbreaks of Whooping Cough.

SCHOOLS.	PERIOD.
St. George's Infants ...	... Feb. 8th to March 2nd, 1907.
New Meeting Infants ...	... March 8th to March 28th, 1907.

Food and Drugs Acts.—The usual number of samples have been taken under this Act. The details will be found in the Sanitary Inspector's report appended.

Court Sweeping.—The sweeping is still carried on satisfactorily. The work is most valuable in contributing to the sanitary condition of the Borough.

Public Conveniences.—I am pleased to be able to report that the reconstruction of the Public Urinal, near the Retail Market, and the erection of Water Closets for Males and Females, with the adoption of the penny-in-the-slot system, has met a great want in the Borough, also the additional Public Urinal and Closets erected at the corner of Bridge Street, meets with the approbation of the public. I would still point out the need of a Public Urinal somewhere near the Infirmary, in Mill Street.

Public Thoroughfares.—The roadway leading from Crowther Street to Mill Lane, and also the roadway leading from Woodfield Crescent to Franchise Street, are in a bad state of repair, both roadways being near to Elementary Schools. The said roads have never been metalled or curbed.

Dirty Houses.—I have certified 173 houses that required cleansing and whitewashing, as per section 46 of the Public Health Act, 1875, and four under section 5 of the Infectious Disease (Prevention) Act, 1890.

Household Ashes and Refuse.—We are still able to dispose of our household ashes and refuse without difficulty. The bulk of it goes by Canal to Oldington Farm. The whole of this work is now done by our own staff.

Sewers.—Complaints concerning the sewers have been few during the year. An agreement has been come to with the Rural District Council for our Borough to receive and dispose of the sewage from the Whitville district.

Water Supply.—During the year our water supply has been fairly satisfactory, although the new Artesian Well has not yet been brought into use.

Anthrax in Cattle.—On October 4th, in one of our Borough cowsheds a cow died, certified to have been Anthrax. I visited the premises, and saw that all precautions were taken in reference to the milk, cleanliness, lime-washing, disinfecting, and burning of the carcase. No second case occurred.

Chapels in Cemetery.—In November I called the attention of the Burial Committee to the close proximity the bier and coffins are placed to the mourners in the two Mortuary Chapels, and suggested that glass recesses, partitioned off, should be provided. I am informed steps are being taken to adopt my suggestions.

Legislation of 1907.—As to the adoption of the whole or parts of the Public Health Act (Amendment) Act, 1907, I have to report that it is still under the consideration of the Health Committee.

In conclusion I think I can say that on the whole the public health of Kidderminster for 1907 has been exceptionally good. Nothing has occurred calling for special comment.

Allow me again, at the end of another year, to thank the Chairman, Vice-Chairman, and Members of the Health Committee for the support they have given me in the carrying out of my duties.

I am, Gentlemen,

Yours obediently,

DAVID CORBET,

Medical Officer of Health.

Swimming Instruction

AS GIVEN TO THE

Children in the Elementary Schools in the Borough.

The following report has been received from Mr. Tommis :—

Corporation Baths,
November 16th, 1907.

Gentlemen,

I beg to present the following report of the progress made in Swimming and Life-Saving Methods by scholars who have attended the Corporation Baths for swimming instruction during the past season.

On account of the exceedingly wet and cold summer, and the large number of very small children who have attended the baths for the first time, the numbers who have passed the twenty-five yards' test for Proficiency Certificates and Free Passes have not been so large as on previous occasions.

Many of these children had never been in a swimming bath before, consequently a large amount of time had necessarily to be devoted to overcoming their natural timidity, and in some cases, aversion to water. As a result of the preparation made this year, I anticipate a large increase in the number of candidates for the above test for season, 1908.

In connection with the Life-Saving Classes the results have been most encouraging, this year proving a record with forty awards for various degrees of proficiency, as against thirty-two for last year, which was also a record.

I anticipate the Kidderminster Life-Saving Class will again, for the third year in succession, occupy the premier position in number of awards in the Birmingham and District Branch of the Royal Life-Saving Society. The Hon. Sec. of the latter was one of the examiners, and at the close of the examination he complimented the boys and girls on the splendid manner in which they had performed the various tests, especially commending the girls' section for their speedy and graceful swimming.

The following are the results of the various tests, which I trust will meet with your esteemed approval. As many of the scholars qualify for the Life-Saving Society's awards after they have left school, their numbers are included in those of the school they last attended :—

Swimming twenty-five yards	...	...	55	
Life-Saving Society's Elementary Certificate	...	...	30	
„	„	Proficiency Certificate	...	6
„	„	Bronze Medallion	...	2
„	„	Hon. Instructor's Certificate	...	2
				<hr/>
Total	...	...	...	95

The following table shows the number from each school who have received the above awards :—

GIRLS' SCHOOLS.

NAME.	Swim- ming 25 Yards.	Elemen- tary Certifi- cate.	Pro- ficiency Certifi- cate.	Bronze Medal- lion.	Hon.In- str'tor's Certifi- cate.	Totals.
New Meeting ..	2	7	...	1	...	10
St. John's ...	1	5	...	...	1	7
St. George's ...	3	3	...	1	...	7
Lea Street ...	...	3	...	...	...	3
Coventry Street ...	2	...	...	...	...	2
Half-Time ...	2	1	...	...	...	2
Bennett Street ...	...	...	...	...	...	1
St. Mary's ...	...	...	...	...	...	...
St. Ambrose's ...	...	...	...	...	...	...
Totals ...	10	19	0	2	1	32

BOYS' SCHOOLS.

NAME.	Swim- ming 25 Yards.	Elemen- tary Certifi- cate.	Pro- ficiency Certifi- cate.	Bronze Medal- lion.	Hon.In- str'tor's Certifi- cate.	Totals.
St. John's ...	7	6	...	...	...	13
St. Mary's ...	10	1	1	...	...	12
New Meeting ...	6	2	3	...	1	12
St. George's ...	7	...	...	...	...	7
Coventry Street ...	6	1	...	...	...	7
Half-Time ...	3	1	1	...	...	5
Bennett Street ...	3	...	...	...	...	3
Lea Street ...	2	...	1	...	...	3
St. Ambrose's ...	1	..	...	...	...	1
Totals ...	45	11	6	0	1	63
Total No. Boys and Girls ...	55	30	6	2	2	95

Total number of school children who bathed in the Public Baths during 1907 was 6,121.

School children attend the Baths once a week, Free.

The Turkish Baths were used during the year by 1012 Males and 185 Females.

HERBERT TOMMIS,

Superintendent.

NATURAL INCREASE OF POPULATION.

Excess of Births over Deaths since 1888.

Year.	Total Births.	Total Deaths.	Excess of Births over Deaths.
1888	771	456	315
1889	681	437	244
1890	701	448	253
1891	729	452	277
1892	674	478	196
1893	668	431	237
1894	641	391	250
1895	637	471	166
1896	614	398	225
1897	617	427	190
1898	568	394	174
1899	571	436	135
1900	600	542	58
1901	622	496	126
1902	622	433	189
1903	637	414	223
1904	627	469	158
1905	590	395	195
1906	615	374	241
1907	550	336	224

It will be noticed that the excess of births over deaths, 1888 to 1897, was 2,363. During the latter ten years it has fallen to 1,723, showing a decrease of excess of 640 on the previous ten years.

Average births per annum for past 20 years, 636·7.

Average excess of births over deaths :

1st 10 years ...	...	236·3
2nd „ „ ...	...	172·3
And for the whole ...	...	204·3

First 10 years was 32 above the average for 20 years.

Second 10 years 32 below the average.

Deaths.

1888 to 1897	...	...	4380
1898 to 1907	...	...	4289
Difference	...	...	91

CANCER.

Under the title "Cancer" are comprised deaths from "Cancer" Carcimona, "Malignant Disease," Scirrhus, Epithelioma, Sarcoma, Villous Tumour, and Papilloma of Bladder, and Rodent Ulcer, different terms for or different structural manifestations of the disease.

Deaths during the year 1907, 17.

Occupations of Deceased Persons :

Domestics	...	...	10
Boatman...	...	...	1
Cab Proprietor	...	...	1
Gardener	...	...	1
Painter ...	...	...	1
Baker ...	...	...	1
Tinman ...	...	...	1
Packer ...	...	...	1
			<hr/>
			17
			<hr/>

Four of these cases occurred in the Workhouse.

PHTHISIS.

Deaths during 1907, 21.

Occupations of Deceased Persons :

Domestics	...	...	6
Fishmonger	...	...	1
Hawkers...	...	...	2
Clerk ...	...	...	1
Foreman...	...	...	1
Wool winder	...	...	1
Butcher	...	...	1
Weavers	...	...	2
Loom Tuner	...	...	1
Creeler	...	...	1
Labourers	...	...	2
Warehouseman	...	...	1
Schoolmaster	...	...	1
			<hr/>
			21
			<hr/>

Four of these cases occurred in the Workhouse.

8 Years' Mortality from Cancer.

Date.	Number.		
1900	25
1901	22
1902	27
1903	23
1904	26
1905	24
1906	30
1907	17
	Total	...	194

Average for past 8 Years 24.

Table showing Number of Deaths from Phthisis for past 10 Years.

Date.	Number.		
1898	22
1899	29
1900	31
1901	26
1902	27
1903	27
1904	20
1905	21
1906	19
1907	21
	Total	...	243

Average for past 10 Years 24.

List of Streets in which Deaths from all causes
have occurred during 1907.

Locality.	No. of Deaths.	Locality.	No. of Deaths.
Albert Road ...	1	Lion Square ...	1
Anchor Fields ...	2	Lion Street ...	3
Arch Hill ...	1	Long Acre ...	3
Anchor Row ...	1	Lorne Street ...	4
Back Queen Street ...	5	Mill Street ...	2
Batham Street ...	1	Mill Lane ...	1
Brook Street ...	1	New Road... ..	2
Brussels Street ...	2	Offmore Road ...	6
Bennett Street ...	1	Orchard Street ...	1
Bewdley Road ...	6	Oxford Street ...	2
Bewdley Hill ...	1	Paradise Row ...	1
Blackwell Street ...	2	Paternoster Row ...	1
Blakebrook ...	1	Park Butts ...	2
Boulter's Lane ...	3	Park Street... ..	8
Broad Street ...	6	Park Lane ...	4
Bromsgrove Street ...	12	Peel Street ...	8
Chapel Street... ..	2	Pleasant Street ...	2
Cherry Orchard ...	3	Plimsoll Street ...	1
Chester Road ...	6	Prospect Hill ...	2
Clarence Street ...	4	Prospect Lane ...	1
Claughton Street ...	1	Queen Street... ..	3
Clensmore Street ...	6	Radford Avenue ...	1
Cobden Street ...	2	Roden Avenue ...	1
Constitution Hill ...	1	Shrubbery Street ...	1
Coventry Street ...	3	Silver Street ...	1
Crane Street... ..	1	St. George's Terrace ...	3
Corporation Street ...	1	St. John Street ...	2
Crowther Street ...	2	St. Mary's Street ...	1
Cross Street ...	3	Stourbridge Road ...	7
Church Walk ...	2	Summer View ...	1
Churchfields ..	5	South Street ...	1
Coalfield Row ...	2	Sutton Road ...	7
Dudley Street ...	5	Villers Street ...	1
Exchange Street ...	1	Vine Street ...	2
East Street ...	1	Waterloo Street ...	3
Edward Street ...	3	Windmill Row ...	1
Fair Street ...	1	Wood Street ...	8
Findon Street... ..	3	Woodfield Street ...	3
Franchise Street ...	1	Woodfield Crescent ...	2
George Street ...	3	Worcester Street ...	7
Garrick Place ..	1	Yew Tree Road ...	2
Hall Street ...	1	York Street ...	2
Horsefair ...	4	Workhouse ...	53
Hill Street ...	2	Infirmary ...	18
Hoo Road ...	5		—
Hurcott Road ...	14		336
Lark Hill ...	2	Workhouse } Non- {	20
Lea Street ...	3	Infirmary } Residents {	10
Leswell Street ...	4		—
Leswell Lane ...	4		—
		Total ...	366

Table 4.

Causes of, and Ages at, Death during Year 1907.

CAUSES OF DEATH.	DEATHS AT SUBJOINED AGES of Residents whether occurring in or beyond the District.							Work- house.	Infirm- ary.	Deaths in Public Insti- tutions.
	All ages	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards			
Smallpox										
Measles										
Scarlet Fever										
Whooping-cough	8	4	4							
Diphtheria (including Membranous Croup)	1		1							
Croup										
Fever { Typhus										
Enteric										
Other continued										
Epidemic Influenza	2					1	1	1		1
Cholera										
Plague										
Diarrhoea	9	8					1	1		1
Enteritis	11	9	1			1				
Puerperal Fever										
Erysipelas	1						1	1		1
Other Septic Diseases...										
Phthisis (Pulmonary Tuberculosis)	21			1	4	14	2	4		4
Other Tubercular Dis- eases	15	5		1	2	4	3		5	7
Cancer, Malignant Dis- ease	17				2	9	6	4		7
Bronchitis	32	8	3			7	14	5		9
Pneumonia	22	6	3	1	1	7	4	3	2	7
Pleurisy										
Other Diseases of Res- piratory Organs	1					1				
Alcoholism	7					5	2	1		1
Cirrhosis of Liver {										
Venereal Diseases	2		1			1		1		1
Premature Birth	17	17								1
Diseases and Accidents of Parturition	2	1				1				
Heart Diseases	10	1				3	6			1
Accidents	12	2	4	2		2	2	1	2	4
Suicides										
All other causes	146	16	3	4	8	49	66	31	9	56
All causes	336	77	20	9	17	105	108	53	18	101

Table 1. Vital Statistics of whole district during 1907 and Previous Years. 17

Year	Population estimated to Middle of each year	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
		Number	Rate *	Under 1 year of age.		At all ages.					Number	Rate *
				Number	Rate per 1000 Births registered.	Number	Rate *					
1	2	3	4	5	6	7	8	9	10	11	12	13
1897	25,000	617	24.68	111	179.90	427	17.08	82	23	2	406	16.24
1898	25,000	568	22.72	89	156.69	394	15.76	90	24	0	370	14.80
1899	25,000	571	22.84	87	152.36	436	17.44	97	37	2	401	16.04
1900	25,000	600	24.00	103	171.66	542	21.68	133	43	0	499	19.96
1901	24,681	622	25.20	128	205.78	496	20.08	105	40	1	457	18.51
1902	24,700	622	25.18	88	141.47	433	17.53	115	44	7	396	16.03
1903	24,700	637	25.78	70	100.98	414	16.76	129	54	19	379	15.34
1904	24,700	627	25.38	95	151.51	469	18.98	135	39	6	436	17.65
1905	24,700	590	23.88	86	145.76	395	15.99	102	35	0	360	14.57
1906	24,700	615	24.85	84	136.58	374	15.14	101	35	0	339	13.72
Averages for years 1897-1906		607	24.45	94	154.14	438	17.63	108	37	4	400	16.21
1907	24,700	550	22.26	77	140.00	366	14.81	101	30	0	336	13.60

* Rates in Columns 4, 8, and 13, calculated per 1,000 of estimated population.

MONTHLY RETURN OF BIRTHS AND DEATHS

For the Borough of Kidderminster, as presented to the Health Committee at each Meeting held every fourth Monday.

BIRTHS.					DEATHS.				
Month ending.	Males.	Females.	Total.	Rate per 1000 of the Population.	Month ending.	Males.	Females.	Total.	Rate per 1000 of the Population.
1907					1907				
Jan. 7	17	21	38	20·00	Jan. 7	15	14	29	15·26
Feb. 4	20	19	39	20·53	Feb. 4	20	14	34	17·89
March 4	28	28	56	25·44	March 4	22	12	34	17·89
April 1	16	14	30	15·79	April 1	12	22	34	17·89
April 29	19	19	38	20·00	April 29	19	16	35	18·42
May 27	23	21	44	23·16	May 27	13	15	28	14·73
June 24	19	24	43	22·63	June 24	14	11	25	13·15
July 22	17	24	41	21·57	July 22	9	6	15	7·89
*Sept. 16	48	37	85	22·37	*Sept. 16	21	23	44	11·58
Oct. 14	24	15	39	20·53	Oct. 14	14	11	25	13·15
Nov. 11	23	19	42	22·10	Nov. 11	12	14	26	13·29
Dec. 9	21	22	43	22·63	Dec. 9	10	18	28	14·73
Totals	275	263	538	21·37	Totals	181	176	357	14·46

*Two Months' Report.

Note.—The above include all Deaths at the Workhouse and the Infirmary.

MONTHLY NOTIFICATIONS.

INFECTIOUS DISEASES.

19

1907.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total 1907	Total 1906	Total 1905	Total 1904	Total 1903	Total 1902	Total 1901	Total 1900	Total 1899
Small Pox ...																2	5				
Cholera ...																					
Diphtheria ...	1		2	2						1	1	1	8	8	10	22	45	30	43	75	43
Membran'ous Croup														1					2	4	1
Erysipelas ...	2	3	1	1	7		5		3	1	1	7	31	20	47	30	30	30	46	53	45
Scarlet Fever ...	3	1	1			1	2	1	2	1	3		15	27	69	299	590	189	59	40	105
Typhus Fever ...																					
Typhoid Fever ...	2		1		1			1					5		2	1	3	10	8	20	18
Puerperal Fever...														1	1		2			2	1
Totals ...	8	4	5	3	8	1	7	2	5	3	5	8	59	57	129	354	675	259	158	194	213

Table 3.

Cases of Infectious Diseases Notified during the Year 1907.

NOTIFIABLE DISEASES.	At all Ages	CASES NOTIFIED.					
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards
Small Pox							
Cholera							
Diphtheria	8		1	6	1		
Membranous Croup ...							
Erysipelas	31			2	4	15	10
Scarlet Fever	15		5	9		1	
Typhus Fever							
Enteric Fever	5			1	4		
Relapsing Fever							
Continued Fever							
Puerperal Fever							
Plague							
Totals	59		6	18	9	16	10

Table 5. Infantile Mortality during the Year 1907.

Deaths from stated causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-2 Months.	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year.
<i>Common Infectious Diseases.</i>																	
Small-Pox																
Chicken-Pox																
Measles																
Scarlet Fever																
Diphtheria (including Membranous Croup)	...																
Whooping Cough								1	2	1						4
<i>Diarrhæal Diseases.</i>																	
Diarrhoea, all Forms													1			7
Enteritis, Muco-enteritis, Gastro-enteritis	...	1			1	2	2	2	1	2					2		10
Gastritis, Gastro-intestinal Catarrh								1		1						2
<i>Wasting Diseases.</i>																	
Premature Birth	3	1	1	13	2		1									16
Congenital Defects	1			1												2
Injury at Birth																
Want of Breast-Milk, Starvation	...						1										1
Atrophy, Debility, Marasmus	...	2	1	1	4	1	1	1									7
<i>Tuberculous Diseases.</i>																	
Tuberculous Meningitis								2				1				1
Tuberculous Peritonitis : Tabes Mesenterica	...								1								3
Other Tuberculous Diseases	...																
<i>Other Causes.</i>																	
Erysipelas																
Syphilis																
Rickets																
Meningitis (<i>not Tuberculous</i>)	...						1										1
Convulsions	1	1	1	3	1							1			2	3
Bronchitis				1						1				1		8
Laryngitis																1
Pneumonia												2		2		6
Suffocation, overlying	...												1				3
Other Causes	1			2												2
Totals...	13	7	2	3	25	7	7	6	7	8	4	3	2	1	5	2	77

Table 7.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1907,

for the Borough of Kidderminster, on the administration of the Factory
and Workshops Act, 1901, in connection with

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES & HOMEWORK

1.—INSPECTION.

Premises.	Number of		
	Inspec- tions	Written Notices	Prose- cutions
Factories (including Factory Laundries) ...	12	2	
Workshops " " " ...	222	} 22	
Workplaces " " " " " ...	121		
Total ...	355	24	

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecu- tions.
	Found	Reme- died	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Act :—</i>				
Want of Cleanliness	22	22		
Want of Ventilation				
Overcrowding				
Want of Drainage of Floors				
Other Nuisances				
Sanitary Accommodation { Insufficient	2	2		
{ Unsuitable or defective				
{ Not separate for Sexes				
Sect. 22 P.H.A.A. Act, 1890, is adopted in Kidderminster				
Water Carriage is the system generally enforced in Kidderminster				
The Standard of sufficiency adopted in the Borough is that contained in the Home Office Order, Feb. 4th, 1903 ..				
<i>Offences under the Factory & Workshops Act</i>				
Illegal occupation of Underground Bake- house (s. 101)				
Breach of special sanitary requirements for Bakehouses (s.s. 97 to 100)				
Failure as regards lists of Outworkers (s. 107)				
Giving out work to be infected (s. 110)				
done in premises which (s. 108)				
are				
Allowing wearing apparel to be made in premises infected by Scarlet Fever or Smallpox (s. 109)				
Other Offences				
Total ...	24	24		

Table 7.—*Continued.*

Class.	Number.
Matters notified to H.M. Inspectors of Factories :	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (s. 5).	7
Notified by H.M. Inspectors.	
Reports (of action taken) sent to H.M. Inspectors.	
Other	10
Underground Bakehouses (s. 101.):—	
Certificates granted during the year	
In use at the end of the year	3
Workshops on the Register (s. 131) at the end of year	294
Bakehouses under inspection	49
Total number of Workshops on Register.	343

HOME WORK.

Class.	Lists.	Out-workers.	Number of addresses of Outworkers forwarded to other Councils.	No. of Inspections of Outworkers premises
<i>Outworkers' Lists, Section 107.</i>				
Lists received from Employers :— (Twice in the year).	30			
Wearing Apparel—				
(1) Making, &c.	24	56	3	56
(2) Cleaning and Washing				
Furniture and Upholstery	6	12		12
Totals	30	68	3	68



Sanitary Inspector's
Report,

—  **1907.**  —



SANITARY INSPECTOR'S ANNUAL REPORT

FOR THE YEAR 1907.

Gentlemen,

I have much pleasure in submitting my Twenty-third Annual Report on the work done in my Department for the Year ending December 31st, 1907.

Dairies, Cowsheds, and Milkshops.

Purveyors not residing within the Borough	...	27
Purveyors residing within the Borough	...	57
Notices served to secure compliance with regulations	... ..	4

The Milkshops, Cowsheds, and Utensils are regularly inspected as to cleanliness, &c. The number of Cowsheds in the Borough is 12.

LOCATION OF COWSHEDS.

Street.	No. of Cowsheds.
Chester Road	3
Clensmore	1
Hurcott Road	1
Lark Hill	1
Pleasant Street	1
Radford Avenue	1
Wood Street	1
Woodfield Street	1
Park Lane	1
New Road...	1
	<hr/> 12

Common Lodging Houses.

Number under Inspection	...	5
-------------------------	-----	---

The houses are kept clean and on the whole well-conducted.

LOCATION OF COMMON LODGING HOUSES.

Blackwell Street	...	4
Dudley Street	...	1
		<hr/> 5

Slaughter Houses.

Number under Inspection	...	...	...	24
Number Registered	...	...	...	12
Number Licensed	...	...	...	12
Number in Joint use	...	...	...	3
Notices served to secure compliance with Regulations	...	...	...	8

Factory and Workshops Act, 1901.

Workshops and Workplaces under inspection :

Millinery and Dressmaking	...	...	...	70
Boot Makers	...	...	...	58
Tailors	...	...	...	20
Carpenters and Builders	...	...	...	19
Painters and Plumbers	...	...	...	17
Designers	...	...	...	8
Cabinet Makers	...	...	...	6
Blacksmiths	...	...	...	5
Sugar Boilers	...	...	...	7
Coach Builders	...	...	...	3
Saddlers	...	...	...	4
Tripe Boilers	...	...	...	3
Soap Boilers	...	...	...	2
Tallow Melter	...	...	...	1
Laundries	...	...	...	3
Bakehouses	...	...	...	49
Staymakers	...	...	...	1
Carpet Planner	...	...	...	1
Upholsterers	...	...	...	5
Muffin and Pikelet Bakers	...	...	...	2
Tanner	...	...	...	1
Marine Stores	...	...	...	3
Stonemasons	...	...	...	3
Brush Maker	...	...	...	1
Chemical Works	...	...	...	1
Key Manufacturer	...	...	...	1
Iron, Tin, and Wire Workers	...	...	...	4
Wheelwrights	...	...	...	3
Basket Makers	...	...	...	2
Cycle Makers and Repairers	...	...	...	4
Wine, Spirit, and Beer Bottlers	...	...	...	5
Picture Frame Makers	...	...	...	3
Cooper	...	...	...	1
Taxidermist	...	...	...	1
Waste Merchant	...	...	...	1
Clog Maker	...	...	...	1
Miscellaneous	...	...	...	7
Notices served to secure compliance with regulations	...	...	...	22
Total number of Firms who have Workshops under our supervision				283
Total number of Workshops inspected				343

Household Ashes and Refuse Collection.

Portable Receptacles emptied	...	...	...	96,884
Dry Ashpits emptied	...	...	...	2,856
Loads of Dry Refuse removed	...	...	...	5,506
Total	...	...	...	<u>105,246</u>

Night Work.

Privies and Middens emptied	...	...	...	284
Loads of Nightsoil and Ashes removed	...	...	...	304
Total	...	...	...	<u>588</u>

Refuse: How Disposed of.

Carted to Canal Boat for Oldington Farm	...	...	...	3827 loads.
Carted to Riddling Shed	...	...	...	461 "
Carted to Franchise Street	...	...	...	869 "
Sundry Tippings	...	...	...	349 "
Total	...	...	...	<u>5506</u>

Report of the Inspector of Canal Boats.

Number of Boats inspected	...	...	...	292
" on Register	...	...	...	99
" Registered during 1907	...	...	...	2

Nature of Infringements:

Notification of change of master	...	...	...	0
Absence of certificate	...	...	...	0
Certificates not identifying owner with boat	...	...	...	0
Lettering and numbering	...	...	...	10
Partition separating the sexes	...	...	...	0
Females over 12 improperly occupying	...	...	...	0
Cleanliness	...	...	...	0
Painting	...	...	...	7
Ventilation	...	...	...	0
Dilapidation	...	...	...	1
Removal of bilge water	...	...	...	0
Without pump	...	...	...	0
Refusal of admittance to Inspector	...	...	...	0
No proper water vessel	...	...	...	0
Without requisite double bulkheads	...	...	...	0
Notification of Infectious Diseases	...	...	...	0
Certificates required renewing	...	...	...	0

On the whole the Cabins are kept clean, very few women and children are met with on boats passing through the Borough. They are chiefly men who work the boats in this district.

In 10 instances the boats were worked by a man and his wife (only).

In 25 instances the boats had on board a man, his wife, and one or more children, and 257 boats were worked by men (only).

A willingness is always shown by the canal boat people to comply with the Law and Local Government Board regulations.



The Sale of Food and Drugs Acts, 1875 and 1899.

Samples taken during the year 1907, and results.

Informal Samples.	Formal Samples.	ARTICLE.	Genuine.	Adulterated	Extent of Adulteration (if any).	Result.
7	11	Milks ...	11			
1		Butters ...	7			
2		Camphorated Oil	1			
		Powdered Gen-tian Root ...	2			
1		Ipecacuana Wine	1			
2		Butter ...	2			
	1	Whiskey ...	1			
	1	Whiskey ...	1			
1		Whiskey ...	1			
1		Cascara ...	1			
1		Tincture Iodine	1			
1		Yeast ...	1			
1		Eucalyptus Oil	1			
1		Black Pepper ...	1			
1		Coffee ...	1			
1		Paregoric ...	1			
1		Syrup of Squills	1			
1		Syrup of Rhubarb	1			
1		Powdered Jalap	1			
1		Castor Oil ...	1			
1		Olive Oil ...	1			
1		Milk ...		1	Was 13 % deficient in Fat	Cautioned by Health Committee
	1	Milk ...	1			
	4	Milks ...	4			
	1	Milk ...		1	Contained 13 % of added Water	Fined 2/6 and costs, total £2 7s. 0d.
	8	Milks ...	8			
2		Butters ...	2			
29	27	Total ...	54	2		

Informal Samples of Spirits tested by Sikes Hydrometer.

Fourteen samples have been procured and tested: twelve were below the legal limit, two were slightly diluted beyond the statutory limit, when Formal samples were obtained and submitted to the Public Analyst.

Unsound Food.

The following food has been condemned and destroyed :—

Pork	...	...	108 lbs.
Ox Tongues	...	...	84 lbs.
Beef	...	...	8 lbs.
Fish	...	...	89 lbs.
Fruit	...	...	9 lbs.
<hr/>			
Total	...	...	298 lbs.

Seats for Shops Assistants Act, 1899.

Many visits have been made, but no infringements have been discovered this year.

Disinfection.

Gallons of Fluid given away	...	180
Packets of Powder given away	...	1182
Dwelling-houses disinfected	...	18
Schools disinfected	...	2

Drain Testing.

The drain testing apparatus has been used 79 times on old drainage. Defects have been found in 54 instances, all of which have been remedied.

Public Urinals.

The Urinals are cleansed daily (including Sundays and holidays), and are also disinfected.

LOCATION OF URINALS.

Bridge Street	}	Owned by the Corporation.
Dudley Street		
Park Butts		
Near Market Hall Steps		
Trinity Lane		
Railway Bell Hotel	}	Owned by the Kidderminster Brewery Co., Ltd.

Cabstands.

The Cabstands are constantly flushed with the hose pipe and disinfected. During the summer they receive attention twice daily.

Court Sweeping.

This work has had constant attention during the year. The sweeper when on his rounds has opened with his plunger 147 drains and 547 water closets which he found blocked.

Notices to School Teachers and Others.

106 prohibition notices have been served on parents and school teachers to keep children from attending school from houses where infectious diseases have occurred.

Stray Dogs.

Thirty-six carcasses of dogs have been handed over to us by the Police for destruction.

Disinfection.

Disinfection has been carried out in all cases of Infectious Disease, and the infected houses cleansed.

Refuse Sorting.

OLD SCRAP (Tins, etc).

We have received £11 13s. 4d. for Old Scrap (metal tins, etc.) by selling it to London and Birmingham firms. All expenses were defrayed by the firms after we had carted it to the Railway Station. Total weight sent away, 14 tons 4 cwt.

Riddling Refuse.

RECEIPTS.				EXPENDITURE.			
	£	s.	d.		£	s.	d.
To Sale of Embers	13	5	1	By Wages Paid ...	24	17	4
„ 461 Tons of Refuse saved from boatage to Oldington at 9d. per ton...	...	17	5 9	„ Balance ...	5	13	6
	£30	10	10		£30	10	10

The Thresh Steam Disinfector.

200 Articles of Clothing have been disinfected.

Magisterial Proceedings.

NATURE OF OFFENCE.	RESULT.
Failing to provide spouting to eaves of dwelling-houses ...	The work was commenced before the hearing of the summons. Was withdrawn on payment of costs.
Using premises as a knackers' yard without being licensed	Dismissed.
Selling Milk containing 13% of added water ...	Fined 2/6 and Costs, Total, £2 7s. 0d.

Remarks.

The other details of the work of my department are tabulated on the accompanying tables.

I have to thank your Committee for the support they have given me in the work of my department.

I am, Mr. Chairman and Gentlemen,

Your obedient Servant,

JOHN T. COWDEROY,

Sanitary Inspector.

*To the Chairman, Vice-Chairman, and
Members of the Health Committee.*

Sanitary Defects and Nuisances,

Found and reported during the year 1907.

NATURE OF NUISANCE.	TOTALS.
Dirty Houses cleansed and whitewashed ...	173
" " Infectious Disease " " after ...	4
Dirty Houses and premises (tenant's neglect) ...	31
Premises requiring limewashing ...	205
Yard drains and water closets stopped ...	58
Water closet pans, cisterns and seats out of repair ...	140
Drains imperfectly trapped and out of repair ...	90
Defective yard and washhouse paving ...	72
Insanitary sinks and waste pipes ...	35
Dwelling-houses, roofs, floors, &c., out of repair ...	102
Accumulations of Manure and offensive refuse ...	22
Workshops and bakehouses require limewashing ...	22
Overcrowding dwelling houses ...	9
No ash receptacles ...	21
Dilapidated ashpits ...	17
Insanitary privies and middens ...	17
Defective rain water spouting ...	98
Dilapidated water closets and washhouses ...	85
Keeping of poultry and animals as a nuisance ...	19
Not complying with Bye-laws relating to slaughter-houses ...	8
Not complying with Bye-laws relating to Cowsheds ...	4
Insufficient water closet accommodation ...	7
Smoke nuisance ...	1
Defective and smoky chimneys ...	10
Miscellaneous ...	32
Total ...	1282

Notices served for their abatement:—

Preliminary	...	...	414
Statutory	...	...	378
Reminders	...	...	79
Total	...		871

Notices complied with	...	815
Notices on Books December 31st, 1907		56
		871

RAINFALL

FOR THE YEAR ENDING DECEMBER 31ST, 1907.

Rain Guage—Height on top of Ground, 1 foot.

Location, the Brinton Park.

		Total Depth	Greatest Rainfall in 24 hours.		No. of days on which '01 or more rain fell.
1907		Inches	Depth	Date	
January	...	0'85	0'22	1	10
February	...	0'53	0'11	10	9
March	...	0'62	0'14	9	13
April	...	1'43	0'33	30	15
May	...	2'71	0'73	13	19
June	...	2'06	0'73	11	19
July	...	2'00	0'59	21	15
August	...	2'61	0'74	2	15
September	...	0'45	0'20	4	5
October	...	5'03	0'78	16	24
November	...	2'12	0'51	24	18
December	...	2'37	0'40	12	21
Total	...	22'78	0'78	Oct. 16	183

TOTAL	RAINFALL—	1898	...	16'22
"	"	1899	...	21'00
"	"	1900	...	25'49
"	"	1901	...	17'87
"	"	1902	...	17'49
"	"	1903	...	32'49
"	"	1904	...	20'54
"	"	1905	...	19'53
"	"	1906	...	21'81
"	"	1907	...	22'78

Average Rainfall for the past 10 years 21'22

Meteorological Report

For the Year ending December 31st, 1907.

FROM OBSERVATIONS TAKEN AT 9 A.M. DAILY.

METEOROLOGICAL STATION, BRINTON PARK.

Height above Sea Level, 159 feet.

Month	Barom eter	Temperature.			Humi- dity	Wind
1907	Mean	Mean Max.	Mean Min.	Mean	Av'rage Humi- dity	Prevailing Direction at 9 a.m.
January ...	30·33	43·7	32·4	37·8	69	W., S.W.
February ...	30·05	43·8	29·5	36·1	64	N.W., W.
March ...	30·22	53·0	32·4	41·8	73	W.
April ...	29·77	53·5	33·4	44·3	81	W., N.W., N.E.
May ...	29·90	58·1	43·2	49·9	76	W., N.W.
June ...	29·82	62·3	47·1	53·3	73	W., S.S.W.
July ...	30·24	66·7	47·7	55·3	76	W., N.W.
August ...	29·47	66·9	49·8	56·6	77	W., S.W.
September	30·16	66·1	45·8	54·6	84	S.E., N.W.
October ...	29·62	55·6	40·4	48·1	85	W., N.W.
November	29·97	49·1	33·5	42·2	86	W.
December	29·76	44·7	34·3	39·4	86	S., S.S.W.

The Highest Temperature occurred on July 18 80·0

The Lowest Temperature occurred on Jan. 25 8·5

The Mean Annual Temperature ... 45·2

STREET LIST OF KNOWN CASES OF INFECTIOUS DISEASES.

STREETS.	Small Pox	Measles	Scarlet Fever	Typhoid Fever	Diphtheria	Membranous Croup	Erysipelas	Puerperal Fever	Total.
Anchor fields ...							2		2
Bewdley road ...			1						1
Blakebrook ...					2		1		3
Bromsgrove street...							1		1
Brussels street ...							1		1
Cherry orchard ...			1		1				2
Church street ...							1		1
Cobden street ...							1		1
Crescent road ...							1		1
Chapel street ...							1		1
Constitution hill ...			1						1
Dudley street ...							1		1
Fair street ...		1							1
Edward street ...					1		1		2
Hume street ...					1				1
Hurcott road ...							4		4
Hoo road ...							1		1
Infirmery ...			2	2	1				5
Leswell lane ...			1						1
Leswell street ...							1		1
Lion street ...			1						1
Lorne street ...							1		1
Lea street ...			2						2
Mill street ...							1		1
Mill lane ...			1	2			1		4
Offmore road ...			2				2		4
Orchard street ...					1		1		2
Park street ...							1		1
Plimsoll street ...							1		1
Prospect lane ...							1		1
South street ...							1		1
St. George's terrace							1		1
Stourbridge road ...			1						1
Sutton road ...					1				1
St. John's street ...							1		1
Woodfield crescent			2						2
Workhouse ...				1			1		2
York street ...							1		1
TOTALS ...		1	15	5	8		31		60